

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. Claim 1 (currently amended): A method of controlling a call forwarding service  
2 comprising:  
3           operating a peripheral device coupled to a telephone switch to receive  
4 a call to a telephone number corresponding to said peripheral device from a caller  
5 using a first telephone to make said call, said peripheral device being used to provide  
6 said call forwarding service;  
7           determining, using automatic number identification information, a first  
8 telephone number corresponding to the first telephone from which said call was  
9 made;  
10           detecting receipt of a first call forwarding control signal ~~signal~~ from  
11 the first telephone;  
12           determining, from the first telephone number and stored information,  
13 if the first telephone corresponds to a telephone for which said call forwarding service  
14 is supported;  
15           if said first signal is a call forwarding control signal used to activate  
16 said call forwarding service and it is determined that said call forwarding service is  
17 supported for the first telephone, determining if a call processing record, associated  
18 with said first telephone number, accessible to a service control point coupled to said  
19 peripheral device by said telephone switch, includes a previously stored call  
20 forwarding telephone number to which forward calls are to be sent ~~is available in a~~  
21 ~~call processing record stored in a service control point coupled to said peripheral~~  
22 ~~device by said telephone switch, said call processing record being associated with~~  
23 ~~said first telephone number;~~ and  
24           if it is determined that a previously stored telephone number to which  
25 forward calls are to be sent is available, i) updating said call processing record  
26 associated with said first telephone to indicate that call forwarding is active; and  
27 ii) enabling the forwarding of calls directed to the first telephone to a second  
28 telephone using said previously stored call forwarding telephone number.

1 Claim 2 (currently amended): The method of claim 1, further comprising:  
2 if it is determined that said call forwarding service is not supported for the  
3 first telephone, prompting the caller for a telephone number corresponding to a  
4 service to be updated.

1 Claim 3 (currently amended): The method of claim 2, further comprising:  
2 examining the first signal to determine if said first signal is a control signal  
3 used to activate said call forwarding service or to disable said call forwarding service  
4 .

1 Claim 4 (previously presented): The method of claim 3, wherein the step of enabling  
2 the forwarding of calls directed to the first telephone further includes:  
3 operating the service control point to send an update message to a  
4 telephone switch to which the first telephone is coupled to set a terminating attempt  
5 trigger on a telephone line corresponding to the first telephone.

1 Claim 5 (previously presented): The method of claim 4, further comprising, when  
2 said first signal is determined to be a control signal used to disable call forwarding:  
3 operating the service control point to send an update message to the  
4 telephone switch to which the first telephone is coupled to deactivate a terminating  
5 attempt trigger on the telephone line corresponding to the first telephone.

1 Claim 6 (currently amended): The method of claim 5, further comprising:  
2 updating the call processing record corresponding to the first telephone to  
3 indicate that said call forwarding service is not active.

1 Claim 7 (canceled)

1 Claim 8 (previously presented): The method of claim 6, wherein disabling the  
2 forwarding of calls further includes:

3 operating the service control point to send an update message to a  
4 telephone switch to which the first telephone is coupled to deactivate a terminating  
5 attempt trigger previously set on the telephone line corresponding to the first  
6 telephone.

1 Claim 9 (canceled)

1 Claim 10 (currently amended): A method of controlling a call forwarding service  
2 comprising:

3 operating a peripheral device coupled to a telephone switch to receive  
4 a call to a telephone number corresponding to said peripheral device from a caller  
5 using a first telephone to make said call, said peripheral device being used to provide  
6 said call forwarding service;

7 detecting receipt of a first signal from the first telephone;  
8 determining, using automatic number identification information, a first  
9 telephone number corresponding to the first telephone from which said call was  
10 made;

11 accessing, using the first telephone number, service information  
12 maintained in a service control point coupled to said peripheral device by said  
13 telephone switch said service information being a call processing record associated  
14 with said first telephone number;

15 determining, from the accessed information, if the first telephone  
16 corresponds to a telephone for which said call forwarding service is being used to  
17 forward calls provided; and

18 if it is determined that said call forwarding service is being used to  
19 forward calls directed to provided for the first telephone, disabling said call

20 forwarding service in response to the first signal when said first signal is a control  
21 signal used to disable said call forwarding service.

1 Claim 11 (previously presented): The method of claim 10, wherein the disabling call  
2 forwarding service step includes:  
3 operating said service control point to transmit a message instructing a  
4 telephone switch to disable a terminating attempt trigger set on a telephone line to  
5 which the first telephone is coupled.

1 Claim 12 (currently amended): The method of claim 10, wherein the step of  
2 disabling call forwarding service includes:  
3 updating a call processing record including said service information to  
4 indicate that said call forwarding service is not active.

1 Claim 13 (previously presented): The method of claim 12, further comprising the  
2 step of operating the service control point to transmit a message to disable a  
3 terminating attempt trigger set on a telephone line to which the first telephone is  
4 coupled.

1 Claim 14 (original): The method of claim 10, further comprising the step of disabling  
2 a terminating attempt trigger set on a telephone line to which the first telephone is  
3 coupled.

1 Claims 15-19 (canceled):

1 Claim 20 (currently amended): A communication system, comprising:  
2 a first telephone;  
3 a telephone switch coupled to said telephone;  
4 a peripheral device coupled to said telephone switch;

5 a service control point coupled to said telephone switch and to said  
6 peripheral device by way of said telephone switch;

7 said peripheral device including means for receiving a first telephone  
8 call made from said first telephone to a telephone number corresponding to said  
9 peripheral device and routed to said peripheral device by said telephone switch and  
10 means for receiving from the telephone a first control signal;

11 said peripheral device further including means for communicating telephone  
12 number information indicating a first telephone number corresponding to the first  
13 telephone from which said first telephone call was made and control signal  
14 information to said service control point by way of said telephone switch;

15 said service control point including:

16 i) means for accessing a call processing record corresponding to the  
17 first telephone number as a function of information communicated from said  
18 peripheral device;

19 ii) means for determining if the accessed call processing record  
20 includes a call forwarding telephone number to be used when forwarding calls  
21 directed to said telephone; and

22 iii) means for activating a call forwarding service, said call forwarding  
23 service forwarding calls directed to said first telephone as a function of said call  
24 forwarding telephone number when it is determined that the accessed call processing  
25 record includes said telephone number and said control signal is a call forwarding  
26 activation signal.

1 Claim 21 (currently amended): A call forwarding control method, the method  
2 comprising:

3 operating a peripheral device coupled to a telephone switch to receive a call  
4 made from a first telephone by dialing a telephone number corresponding to the  
5 peripheral device, a first telephone number being associated with said first telephone;

6 operating the peripheral device to receive a signal from the first telephone;

7 determining if the signal is a call forwarding control command signal; and  
8 if the received signal is determined to be a call forwarding control command  
9 signal,

10 i) using automatic number identification information  
11 corresponding to said call to identify ~~access~~ a call processing record  
12 corresponding to said a first telephone number corresponding to said  
13 first telephone from which said call was made, said call processing  
14 record being ~~stored in~~ accessible to a service control point coupled to  
15 said peripheral device by said telephone switch; and

16 ii) modifying the content of said call processing record in  
17 accordance with the received call forwarding control command signal;  
18 and

19 if the received signal is determined not to be a call forwarding control  
20 command signal, determining if the received signal is a telephone number of a  
21 subscriber for which a service is provided using said service control point.

1 22. (currently amended): The method of claim 21,  
2 ~~wherein said call is placed from a telephone having a different telephone~~  
3 ~~number than a telephone number included in said received signal;~~  
4 wherein said call processing record includes a stored call forwarding number;  
5 and  
6 wherein said modifying the content of said call processing record includes  
7 performing changing the status of a call forwarding indicator stored in said call  
8 processing record.

1 23. (new) The method of claim 21,  
2 wherein said call is placed from a telephone having a different telephone  
3 number than a telephone number included in said received signal;

4            wherein said service that is provided using said service control point is a call  
5   forwarding service corresponding to said different telephone number,  
6            the method further comprising:  
7            prompting the caller to enter a personal identification number;  
8   checking a received personal identification number to determine if it matches a stored  
9   personal identification number associated with said telephone number; and  
10           if the checking indicates a match between said stored personal identification  
11   number and the received personal identification number, modifying the content of call  
12   forwarding information associated with said telephone number included in said  
13   received signal as a function of information received in said call.